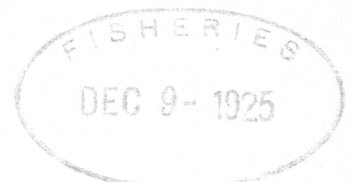


REPORT OF EXAMINATION OF ALASKA SALMON STREAM

DEPARTMENT OF COMMERCE
BUREAU OF FISHERIES

Name of stream Horse Marine Lake and stream Date examined Sept. 10, 1925

Location At the head of Horse Marine Bay, which is the east arm of Olga Bay

Approximate length two miles Width 50 to 200 ft. Depth 6 inches to 3 ft.

Condition and stage (Whether clear, high, low, etc.) Low water, clear

Lakes, if any, size, character, and whether accessible from sea One lake 2 miles long by 1 mile wide
 Deep lake with clear spring water. Fine granite gravel beaches. Only one
 tributary stream and salmon do not seem to use it. The reds especially
 spawn along the shores.

Salmon run (heavy, light, average, etc.) Reds and silvers are not as numerous as
 last year.

Date and duration of run of each species May 15th to October 1st. for reds
 August 20th to November 30th for silvers

Estimated number of each kind of salmon on spawning beds or in stream about 15,000 reds
 " 3,000 silvers

Former size of runs of each species and evidence of depletion, if any no data up to last year, then
 I estimated 30,000 reds and 5,000 silvers

Natural barriers and whether removable Two sets of falls; small one about 1/2 mile from
 salt water and a large one about 1 mile from lake. Both could be cleaned,
 sufficiently for salmon, with dynamite.

Where markers are placed 500 yards on both sides of entrance to lagoon, into
 which the outlet river of the lake empties.

Remarks, sketches, etc. This is a nice spawning lake and the falls should be
 blasted, as in a very dry season the salmon have great difficulty in ascending
 the stream, and the dry season occurs during the heavy part of the red salmon
 run. Bear, land otter, eagles and other birds prey upon the fish at the
 foot of the falls.

(signed) HOMER H. WHITFORD

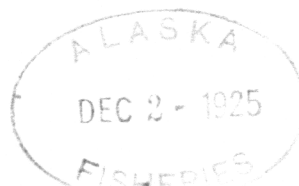
FISH CULTURIST
 (Name and title of employee making examination)

Send original to Washington office, one copy to Seattle office, and one copy to Juneau office.

Use reverse side if additional space is required or explanatory sketches are made which can not go on this side.

9/12

REPORT OF EXAMINATION OF ALASKA SALMON STREAM

DEPARTMENT OF COMMERCE
BUREAU OF FISHERIES

Name of stream *Horse Marine Lake & Stream* Date examined *Sept. 10, 1925*
 Location *At the head of Horse Marine Bay which is the east arm of Olga Bay.*

Approximate length *2 miles* Width *50 to 200 ft.* Depth *6 inches to 8 ft.*

Condition and stage (Whether clear, high, low, etc.) *Low & clear*

Lakes, if any, size, character, and whether accessible from sea *One lake 2 miles by 1 mile deep & clear. Spring water. Fine granite gravel beaches. One fair size tributary stream but several smaller ones 50 ft & 100 ft long. Salmon do not seem to use the larger one as it is very cold water.*

Salmon run (heavy, light, average, etc.) *Lighter than last year. especially reds.*

Date and duration of run of each species *May 15 to Oct. 1 for Reds.
Aug. 20 to Nov. 30 for Silvers*

Estimated number of each kind of salmon on spawning beds or in stream *about 15000 reds.
3000 silvers*

Former size of runs of each species and evidence of depletion, if any *no data up to last year.
They I estimated 30000 reds.
and 5000 silvers.*

Natural barriers and whether removable *Two sets of falls; small one about 1/2 mile from salt water. The larger one about one mile from the lake. Both could be cleared sufficiently for passage of salmon, with dynamite.*

Where markers are placed *500 yds from both sides of entrance to lagoon into which the stream flows from the lake.*

Remarks, sketches, etc. *This is a nice spawning lake and the falls should be blasted because during a very dry season the red salmon have great difficulty in ascending the stream and the dry season occurs during the heavy part of the red salmon run. Bear, hawk, otter, eagles and other birds prey upon the fish at the foot of the falls.*

Harner H. Whitford.
(Name and title of employee making examination)
Fish Culturist.

Send original to Washington office, one copy to Seattle office, and one copy to Juneau office.

Use reverse side if additional space is required or explanatory sketches are made which can not go on this side.